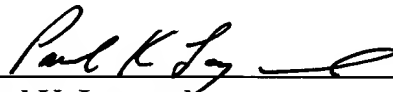


## REMARKS

Substitute pages 105-107 are provided to comply with the Sequence Rules set forth in 37 CFR § 1.821-1.825. In addition, the paper copy of the Sequence Listing included herein is identical to the last-filed computer readable form (CRF) filed in the parent application. Accordingly, no new matter has been added.

Respectfully submitted,

  
\_\_\_\_\_  
Paul K. Legaard  
Registration No. 38,534

Date: January 7, 2000

WOODCOCK WASHBURN KURTZ  
MACKIEWICZ & NORRIS LLP  
One Liberty Place - 46th Floor  
Philadelphia, PA 19103  
(215) 568-3100  
(215) 568-3439 facsimile

## SEQUENCE LISTING

## (1) GENERAL INFORMATION:

- SUB  
C
- AD  
Cont
- RECEIVED
- (i) APPLICANT: Stanley T. Crooke
  - (ii) TITLE OF INVENTION: Oligonucleotides And Ribonucleases For Cleaving RNA
  - (iii) NUMBER OF SEQUENCES: 8
  - (iv) CORRESPONDENCE ADDRESS:
    - (A) ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & Norris LLP
    - (B) STREET: One Liberty Place - 46th Floor
    - (C) CITY: Philadelphia
    - (D) STATE: PA
    - (E) COUNTRY: U.S.A.
    - (F) ZIP: 19103
  - (v) COMPUTER READABLE FORM:
    - (A) MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
    - (B) COMPUTER: IBM PC compatible
    - (C) OPERATING SYSTEM: PC-DOS/MS-DOS
    - (D) SOFTWARE: WordPerfect 8.0
  - (vi) CURRENT APPLICATION DATA:
    - (A) APPLICATION NUMBER: 08/870,608
    - (B) FILING DATE: 06-JUN-1997
    - (C) CLASSIFICATION: N/A
  - (viii) ATTORNEY/AGENT INFORMATION:
    - (A) NAME: Joseph Lucci
    - (B) REGISTRATION NUMBER: 33,307
    - (C) REFERENCE/DOCKET NUMBER: ISIS-2484
  - (ix) TELECOMMUNICATION INFORMATION:
    - (A) TELEPHONE: 215-568-3100
    - (B) TELEFAX: 215-568-3439

## (2) INFORMATION FOR SEQ ID NO:1:

- (i) SEQUENCE CHARACTERISTICS:
  - (A) LENGTH: 17 bases
  - (B) TYPE: nucleic acid
  - (C) STRANDEDNESS: single
  - (D) TOPOLOGY: linear

## (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

GGGCGCCGUC GGUGUCC 17

## (2) INFORMATION FOR SEQ ID NO:2:

- (i) SEQUENCE CHARACTERISTICS:
  - (A) LENGTH: 17 bases
  - (B) TYPE: nucleic acid
  - (C) STRANDEDNESS: single
  - (D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:  
CCACACCGAC GCGCCC 17

- (2) INFORMATION FOR SEQ ID NO:3:  
(i) SEQUENCE CHARACTERISTICS:  
(A) LENGTH: 20 bases  
(B) TYPE: nucleic acid  
(C) STRANDEDNESS: single  
(D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:  
CCGAAUGUGA CCGCCUCCCG 20

- (2) INFORMATION FOR SEQ ID NO:4:  
(i) SEQUENCE CHARACTERISTICS:  
(A) LENGTH: 20 bases  
(B) TYPE: nucleic acid  
(C) STRANDEDNESS: single  
(D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:  
CGGGAGGCGG UCACAUUCGG 20

- (2) INFORMATION FOR SEQ ID NO:5:  
(i) SEQUENCE CHARACTERISTICS:  
(A) LENGTH: 20 bases  
(B) TYPE: nucleic acid  
(C) STRANDEDNESS: single  
(D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:  
UCA AUGGAGC ACAUACAGGG 20

- (2) INFORMATION FOR SEQ ID NO:6:  
(i) SEQUENCE CHARACTERISTICS:  
(A) LENGTH: 20 bases  
(B) TYPE: nucleic acid  
(C) STRANDEDNESS: single  
(D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:  
CCCUGUAUGU GCUCCAUGA 20

- (2) INFORMATION FOR SEQ ID NO:7:  
(i) SEQUENCE CHARACTERISTICS:  
(A) LENGTH: 20 bases  
(B) TYPE: nucleic acid  
(C) STRANDEDNESS: single  
(D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:  
AAUGCAUGUC ACAGGCGGGA 20

- (2) INFORMATION FOR SEQ ID NO:8:  
(i) SEQUENCE CHARACTERISTICS:  
(A) LENGTH: 20 bases  
(B) TYPE: nucleic acid  
(C) STRANDEDNESS: single  
(D) TOPOLOGY: linear

A2  
CM

ISIS-2484

- 107 -

PATENT

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:  
UCCCGCCUGU GACAUGCAUU 20

UCCCGCCUGU GACAUGCAUU